

Abstract Of The Disclosure

A switching regulator, a step-down transformer in particular, is described, which has a switching device for generating a pulsed signal from an input signal as a function of a switching signal; a filtering device for filtering the pulsed signal and for outputting a smoothed output signal; a controllable amplifier device for generating the switching signal from a reference signal and an actual value signal obtained from the output signal via a feedback device as a function of a compensation signal; and a compensation-signal generating device (2) for generating the compensation signal (3) from the input signal (1). A switching regulation method is also described.